

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

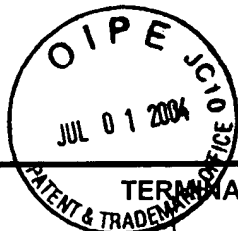
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



**TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING
REJECTION OVER A PRIOR PATENT**

Docket Number (Optional)
EN997064

In re Application of: **Kathleen L. Covert et al.**

Application No.: **09/274,935**

Filed: **March 23, 1999**

For: **COPPER CLEANING COMPOSITIONS, PROCESSES AND PRODUCTS DERIVED THEREFROM**

The owner*, Int. Bus. Machines, of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. 154 and 173, as presently shortened by any terminal disclaimer, of prior Patent No. xxxxxxxx 6,156,121. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the prior patent, as presently shortened by any terminal disclaimer, in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate.

1. ☐ For submissions on behalf of an organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. ☒ The undersigned is an attorney or agent of record.

Signature

Date

Mark Levy

Typed or printed name

607-722-6600

Telephone Number

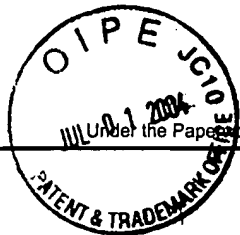
☐ Terminal disclaimer fee under 37 CFR 1.20(d) included.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: International Business Machines

Application No./Patent No.: 09/274,935

Filed/Issue Date: March 23, 1999

Entitled: COPPER CLEANING COMPOSITIONS, PROCESSES AND PRODUCTS DERIVED THEREFROM

International Business Machines, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

4/25/04

Date

607-722-6600

Telephone number

MARK LEVY

Typed or printed name

[Signature]

Signature

Attorney

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETE D FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 18, 1999

PTAS

SALZMAN & LEVY
MARK LEVY
19 CHENANGO STREET, SUITE 606
BINGHAMTON, NY 13901



101067481A

AUG 26

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/14/1999

REEL/FRAME: 010023/0741
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

COVERT, K. L. (DECEASED)

DOC DATE: 05/18/1999

ASSIGNOR:

LAUFFER, J. M.

DOC DATE: 06/09/1999

ASSIGNOR:

MOSCHAK, P. A.

DOC DATE: 06/09/1999

ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES
CORPORATION
NEW ORCHARD ROAD
ARMONK, NEW YORK 10504

SERIAL NUMBER: 09274935
PATENT NUMBER:

FILING DATE: 03/23/1999
ISSUE DATE:

010023/0741 PAGE 2

DOROTHY RILEY, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-17-1999

No.: EN997064

FORM PTO-1595 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
Copyright 1994-97 LegalStar
P08/REV02

RECORDED

P/



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

101067481

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

K. L. Covert (deceased)
J. M. Lauffer
P. A. Moschak

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Internal Address: _____

Street Address: New Orchard RoadCity: Armonk State: NY ZIP: 10504

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: 05/18/99, 06/09/99Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 05/18/99, 06/09/99

A. Patent Application No.(s)

09/274,935

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark Levy/Salzman & Levy

Internal Address: _____

Street Address: 19 Chenango Street, Suite 606City: Binghamton State: NY ZIP: 13901

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

09-0457

05/16/1999 DNGUYEN 00000319 090457 09274935

DO NOT USE THIS SPACE

FC:581 40.00 CH

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Lawrence R. Fraley

Name of Person Signing

Signature

3

Date

Total number of pages including cover sheet, attachments, and document:

IBM Docket No.:
EN997064

ASSIGNMENT

Whereas, we

Inventor and City	(1) Kathleen L. Covert (Deceased)	City of Binghamton and State of New York
and	(2) John M. Lauffer	City of Waverly
	County of Tioga	and State of New York
and	(3) Peter A. Moschak	City of Chenango Forks
	County of Broome	and State of New York
and	(4)	City of
	County of	and State of
and	(5)	City of
	County of	and State of
and	(6)	City of
	County of	and State of
and	(7)	City of
	County of	and State of
and	(8)	City of
	County of	and State of

have invented certain improvements in

Title
COPPER CLEANING COMPOSITIONS, PROCESSES AND PRODUCTS
DERIVED THEREFROM

Dates That Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on

(1) 5/18/99	and,	(2) 6/9/99	and,
(3) 6/9/99	and,	(4)	and,
(5)	and,	(6)	and,
(7)	and,	(8)	

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

IBM Docket No.:

EN997064

ASSIGNMENT (Continued)Title **COPPER CLEANING COMPOSITIONS, PROCESSES AND PRODUCTS DERIVED THEREFROM**City
Date(1) Signed at Essex, K.
on 5/18/99

Kathleen L. Covert leg
Kelly Hawley, Executrix
 (Signature of Inventor)
 by Kelly Hawley, Executrix
 Kathleen L. Covert (Deceased)
 (Typed Name of Inventor)

City
Date(2) Signed at Endicott NY
on 6/9/99

John M. Lauffer
 (Signature of Inventor)

John M. Lauffer
 (Typed Name of Inventor)

City
Date(3) Signed at ENDICOTT NY
on 6/9/99

Peter A. Moschak
 (Signature of Inventor)

Peter A. Moschak
 (Typed Name of Inventor)

City
Date(4) Signed at
on

(Signature of Inventor)

(Typed Name of Inventor)

City
Date(5) Signed at
on

(Signature of Inventor)

(Typed Name of Inventor)

City
Date(6) Signed at
on

(Signature of Inventor)

(Typed Name of Inventor)

City
Date(7) Signed at
on

(Signature of Inventor)

(Typed Name of Inventor)

City
Date(8) Signed at
on

(Signature of Inventor)

(Typed Name of Inventor)

STATE OF NEW YORK }
COUNTY OF BROOME } ss:
SURROGATE'S COURT }

**CERTIFICATE
OF
APPOINTMENT
(Estate)**

IT IS HEREBY CERTIFIED that letters in the estate of the decedent named below have been granted by this Court. The named representative(s) is authorized and empowered to do and perform all acts requisite to the proper administration and disposition of the estate of such decedent, in accordance with the laws of this State and the limitations, if any, contained in said letters as indicated below.

Name of Decedent: KATHLEEN L. COVERT 98-0329
Domicile of Decedent
Date/Place of Death: TOWN OF DICKINSON
04-03-1998 MIDDLETOWN TWP. PA
Representative(s) to Whom
Letters Issued: KELLY HAWLEY
Type of Letters Issued: LETTERS TESTAMENTARY
Date Letters Issued: MAY 21, 1998

and such letters are unrevoked and in force as of this date.

(L.S.)

IN TESTIMONY WHEREOF, the seal of the
Surrogate's Court of Broome County, New
York, has been affixed.

WITNESS, HON. JOHN M. THOMAS,
Surrogate of said County at the City of
Binghamton, New York

**THIS CERTIFICATE IS NOT VALID
WITHOUT A RAISED SEAL OF THE COURT**

Date: SEPTEMBER 15, 1998

Marilyn A. Vescio
Chief Clerk of the Surrogate's Court

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)Applicant(s): **K. L. Covert (deceased) et al**

Docket No.

EN997064

Serial No.

09/274,935

Filing Date

03/23/99

Examiner

Group Art Unit

1743Invention: **COPPER CLEANING COMPOSITIONS, PROCESSES AND PRODUCTS DERIVED THEREFROM**I hereby certify that this **Recordation Form, Assignment, Copy of Letters Testamentary**
(Identify type of correspondence)is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The
Assistant Commissioner for Patents, Washington, D.C. 20231 on 06/11/99
(Date)**Georgia Y. Brundage**

(Typed or Printed Name of Person Mailing Correspondence)


(Signature of Person Mailing Correspondence)

Note: Each paper must have its own certificate of mailing.